

Human Cyclophilin G Recombinant Protein



RPPB1545

Product Information Protein Information

Product SKU:

RPPB1545

Accession:

Q13427

Host:

Escherichia Coli.

Protein description:

Cyclophilin-G Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 195 amino acids (1-175 a.a.) and having a molecular mass of 21.6 kDa. Cyclophilin-G is fused to a 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Peptidyl-prolyl cis-trans isomerase G, PPIase G, Rotamase G, PPIG, peptidylprolyl isomerase G, Cyclophilin G, Peptidyl-prolyl isomerase G, Rotamase G, Clk-associating RS-cyclophilin, CARS-cyclophilin, CARS-Cyp, SR-cyclophilin, SR-cyp, SRcyp, CASP10, CYP, MGC133241.

Formulation:

Cyclophilin-G solution containing 20mM Tris-HCl pH-8, 1mM DTT and 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGIKVQRPRC FFDIAINNQP AGRVVFELFS DVCPKTCENF RCLCTGEKGT
GKSTQKPLHY KSCLFHRVVK DFMVQGGDFS EGNRGGESI YGGFFEDEF AVKHNKEFLL SMANRGKDTN
GSQFFITTKP TPHLDGHHVV FGQVISGQEV VREIENQKTD AASKPFAEVR ILSCG.

Biological Activity:

Specific activity is > 200 nmoles/min/mg, and is defined as the amount of enzyme that cleaves 1umole of suc-AAFP-pNA per minute at 25C in Tris-Hcl pH8.0 using chymotrypsin.